

## MONITOR ISM™ Door Controllers

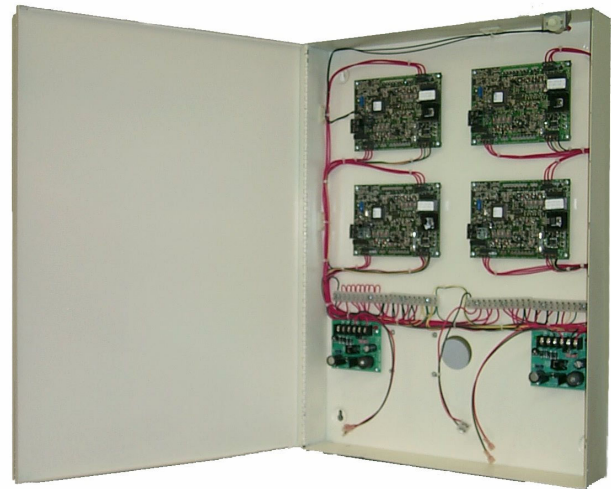
- Pre-Wired Packages Ready to Install  
(for local or central installation)
- Full In/Out Capability
- Built-in Specialized Features

The MONITOR ISM™ door controllers enable comprehensive access control functionality that is both modular for ease of expansion, and highly configurable to suit your clients' exact needs.

Each door controller provides complete control for 2 doors, 4 reader (IN/OUT) applications. Fail-safe operation is provided in each controller by a local fallback user database, providing access for designated personnel in the event of a communications problem.

The 2-door controller packages feature ready to use components (door controller and power supply) housed in a small metal cabinet. Ideal for distributed installation.

The multiple door packages feature large metal cabinets that can house up to 4 2-door controllers, and all necessary power supplies and batteries. Ideal for centralized installation in a utility room.



Enterprise 8-door controller (large cabinet)

The MONITOR ISM™ door controller packages integrate access control and intrusion features, featuring integrated tamper, door contacts, Request to Exit (RTE) and magnetic lock bond sensors.

With the ability to reside up to 2000' (700 m) from the MONITOR ISM™ control panel, the door controller package may be installed in the most effective location. The door controller can operate with cable distances of up to 500' (150 m) to each reader. Each door controller supports Wiegand, Magnetic Stripe and Proximity readers. An optional Wiegand keypad is also supported for Card + PIN applications.

ISO 9002-94



Cert # 000879

# Specifications Door Controller Packages

| Specifications per panel           | Prime Version   | Enterprise Version*   |
|------------------------------------|---|---|
| In/Out Doors                       | 16  | 32  |
| Readers                            | 32  | 64  |
| Inputs                             | Door sensor (2)<br>Request to Exit  | Door sensor (2)<br>Request to Exit  |
| Auxiliary Input                    | Magnetic lock bond sense or extended door opener (ADA)  | Magnetic lock bond sense or extended door opener (ADA)  |
| Outputs                            | Reader buzzer out   | Reader buzzer out   |
| Auxiliary Output                   | Door held open/door forced<br>Door opener (ADA)   | Door held open/door forced<br>Door opener (ADA)   |
| Reader Compatibility               | Wiegand<br>Magnetic Stripe<br>Proximity<br>MONITOR ISM™ Arming Station  | Wiegand<br>Magnetic Stripe<br>Proximity<br>MONITOR ISM™ Arming Station  |
| Reader Features                    | Reader tamper<br>5 or 12 VDC reader power   | Reader tamper<br>5 or 12 VDC reader power   |
| Supervision                        | Normally closed<br>Normally Open or Closed with End-of-Line<br>Form C with End-of-Line<br>Dual End-of-Line  | Normally closed<br>Normally Open or Closed with End-of-Line<br>Form C with End-of-Line<br>Dual End-of-Line  |
| Built-In Diagnostics               | Door unlock relay LEDs<br>Auxiliary relay LEDs<br>Board status LED<br>Communications LED<br>Low power LED   | Door unlock relay LEDs<br>Auxiliary relay LEDs<br>Board status LED<br>Communications LED<br>Low power LED   |
| 2 door controller                  | Small cabinet (254 x 350 x 78 mm)<br>10" wide x 13.75" high x 3" deep   | Small cabinet (254 x 350 x 78 mm)<br>10" wide x 13.75" high x 3" deep   |
| 4 or 8 door cabinet                | Large cabinet<br>(445 mm wide, 609 mm high, 90 mm deep)<br>(17.5" wide, 24" high, 3.5" deep)<br>For centralized installation                          | Large cabinet<br>(445 mm wide, 609 mm high, 90 mm deep)<br>(17.5" wide, 24" high, 3.5" deep)<br>For centralized installation                          |
| Expansion from 4 to 6 doors        | See 120-8216  | See 120-8216  |
| Expansion from 6 to 8 doors        | See 120-8217  | See 120-8217  |
| Power Supplies (2 door packages)   | One 2.5 A 12 VDC power supply<br>(Main Board/Reader Power)<br><b>Please order power supply for strikes separately</b>                                 | One 2.5 A 12 VDC power supply<br>(Main Board/Reader Power)<br><b>Please order power supply for strikes separately</b>                                 |
| Power Supplies (more than 2 doors) | One 2.5 A 12 VDC power supply for 4 doors<br>Two 2.5 A 12 VDC power supplies for 6/8 doors<br><b>Please order power supply for strikes separately</b> | One 2.5 A 12 VDC power supply for 4 doors<br>Two 2.5 A 12 VDC power supplies for 6/8 doors<br><b>Please order power supply for strikes separately</b> |
| Batteries                          | Please order separately   | Please order separately   |
| Strike/Lock Power Supplies         | Please order separately   | Please order separately   |

## Standards

CE



## Part Numbers

### 2 door controllers

120-8206 2 door controller in small cabinet with 1 power supply

120-8209 2 door controller in small cabinet with 230V transformer

### 4 door controller

120-8213 2 2-door controllers in large cabinet with 1 power supply

### 8 door controller

120-8215 4 2-door controller in large cabinet with 2 power supplies

120-8216 2-door controller **with** power supply. Add to a 4-door configuration to obtain 6 doors within the same large cabinet.

120-8217 2-door controller **without** power supply. Add to a 6-door configuration to obtain 8 doors within the same large cabinet.

## Transformers

120-8510 110 VAC 16.5 V 40 VA plug-in

## Batteries

120-8500 7.0 Ah 12 V gel cell

## Power Supply

120-8520 To power door strikes 12V 2.5A

## *Making security easier for you*

VEREX Technology, a division of CSG Security, is constantly working to improve products and reserves the right to alter equipment designs and specifications without notice or obligation.

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